Patent claims

1. A rescue system for rescuing persons who are in danger in high places, composed of a belt system and a rescue parachute system connected thereto, wherein the release mechanism (20) for the rescue parachute (11) is exposed automatically when the belt system (9) is put on so that it is ensured that the rescue parachute (11) is opened when the wearer jumps or falls from a height.

2. The rescue system as claimed in claim 1, wherein the release mechanism (20) of the rescue parachute (11) is connected to the belt system (9) in such a way that it is not possible to put on the belt mechanism completely without the release mechanism (20) being exposed.

3. The rescue system as claimed in one of claims 1 or 2, wherein the release mechanism (20) is stowed, together with at least part of the abdominal/chest belt (1), in a receptacle (3).

4. The rescue system as claimed in one of claims 1 to 3, wherein, by pulling on the abdominal/chest belt (1) or the closure clip (12) fastened thereto, for the purpose of locking the closure clip (12) to the belt securing means (13) when the abdominal/chest belt (1) is put on, the receptacle (3) in which the abdominal/chest belt (1) is deposited is opened to such an extent that the release mechanism (20) which is also arranged in it drops out of it and can be used immediately.

5. The rescue system as claimed in one of the preceding claims, wherein the release mechanism (20) is composed of a ripcord (4) to which a fastening loop (7), a snap action hook (6), a secondary parachute (5), the closure cover (8) and the hose container (10) for holding the rescue parachute (11) are fastened.

6. The rescue system as claimed in one of the preceding claims, wherein the rescue parachute (11) is released by pulling on the ripcord (4) so that it catches the person to be rescued in freefall and allows him/her to float to the ground.

7. The rescue system as claimed in one of the preceding claims, wherein the pull on the line (4) is exerted by anchoring the line (4) to a corresponding anchoring point as a restraint system for the release mechanism (20) as the wearer jumps or falls from a height.

8. The rescue system as claimed in one of claims 1 to 6, wherein the pull on the ripcord (4) for activating the release mechanism (20) is exerted by the fact that the secondary parachute (12) exerts such a large air resistance as the wearer jumps or falls from a height that the rescue parachute is opened.

9. The rescue system as claimed in one of claims 1 to 7, wherein the ripcord (4) is anchored at a correspondingly suitable point by means of the fastening loop (7) and/or the snap action hook (6).

10. The rescue system as claimed in one of the preceding claims, wherein the rescue parachute is arranged in a hose container (10) in the stowage space (14) of the belt system (9) and is prepared for the jump with the closure cover (8) in the stowed state.

11. The rescue system as claimed in one of the preceding claims, wherein the hose container (10) is stowed in the stowage space (14) of the belt system (9) in zigzag fashion.

12. The rescue system as claimed in one of the preceding claims, wherein the rescue parachute is a controllable parachute.

13. The rescue system as claimed in one of claims 1 to 11, wherein the rescue parachute (11) is a non-controllable rescue parachute.